

Title (en)
DISPLAY, ACTIVE MATRIX SUBSTRATE AND DRIVING METHOD

Title (de)
ANZEIGE, AKTIVMATRIXSUBSTRAT UND ANSTEUERVERFAHREN

Title (fr)
AFFICHAGE, SUBSTRAT A MATRICE ACTIVE ET PROCEDE D'EXCITATION

Publication
EP 1580719 A4 20090218 (EN)

Application
EP 03777188 A 20031203

Priority

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Abstract (en)
[origin: WO2004053825A1] A display comprises a plurality of pixels (2) arrayed like a matrix, and each of the pixels (2) comprises a voltage signal input terminal (E) which is supplied with a voltage signal, a drive control device (Tr), a capacitor (C1), a current signal input terminal which is supplied with a current signal, a first switch (Sw5b), a second switch (Sw5a), an output control switch (Sw2), and a display device (20). The drive control device (Tr) comprises a first terminal connected to a first power terminal (11), a control terminal, and a second terminal for outputting a current corresponding to the voltage between the terminals. The capacitor (C1) is connected between the voltage signal input terminal (E) and the control terminal. The first switch (Sw5b) is connected between the current signal input terminal and the control terminal. The second switch (Sw5a) is connected between the current signal input terminal and the second terminal. The input terminal of the output control switch (Sw2) is connected to the second terminal. The display device (20) is connected between a second power terminal and the output terminal of the output control switch (Sw2).

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Citation (search report)

- [PX] EP 1321922 A2 20030625 - SEIKO EPSON CORP [JP]
- See references of WO 2004053825A1

Cited by
EP2133859A4; US8525763B2; WO2008123089A1; US8094145B2; US8325176B2; US8907940B2

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